

Thermostat – Digital - Heat or Cool – THD

Model THD

This controller features the ability to control two circuits, one heating and one cooling. Ready to use, just plug into a refrigeration unit or a heating element.

Please note: this unit is MANUAL switch between heating and cooling applications.

Features:

LED display
Separate differential for cool and heat
Made in Australia by Adloheat
Cool or heat control
Temperature sensor probe
2.0m Lead

Specifications:

Basic rating: 240Volt 10AMP (2400Watts)
Usage: For heat control or cooling control.
Approved by Australian Safety Standards
Manufactured by Adloheat Australia



Technical Settings - Digital Thermostat - THD

This thermostat is pre set at the factory at 23oC , therefore the function settings are already set do not need to be set. However if you need to reset the functions follow the Function Menu Chart below using the column in **Red text** for Heating purposes.

How to switch on and off:

In the off status, press POWER to switch on

In the on status, press POWER button for 5 seconds to switch off the thermostat

Indicator light description

WORK light indicator: means is in working status, on means work, Flash means delay, off means not working.

SET light indicator: means set status, on means work, off means not working

How to change the temperature setting:

Press SET for **one second** (you will see the current set temperature displayed)

Use UP or DOWN to adjust the temperature you require

After adjustment press SET for 3 seconds to save

How to reset the function settings to default settings use the Function Menu table below:

Press SET for **3 seconds** (set indicator is on), this allows you to enter the main menu.

Follow the steps in the Function Menu chart below, entering the values listed in the Heating Equipment setting (marked in red).

For HC: use UP or DOWN button to choose H,

After adjustment press SET to the next parameter and continue through the list codes using the same procedure.

Or to cycle through the settings: press SET to move to the next code setting.

Function menu table

Code	Function	Setting range	Default	Settings for: Heating equipment & Foil Mat (pre set at factory-no need to set)
HC	mode	C: cool, H: heat	C	H
d	differential	1~15	3	1
LS	Low temp	-40~setting temp	-40	0
HS	High temp	Setting temp~99	99	+30
CA	Calibration	-5~5	0	0
Pt	Delay time	0~15	3	0

Error Codes

Code	Reason	Troubleshooting
HH	Sensor probe short circuit or exceeds the highest measuring temperature	Replace probe sensor
LL	Sensor probe open circuit or exceeds the lowest measuring temperature	Replace probe sensor
-	Sensor probe is disconnected	Connect the sensor probe to the correct terminals
EE	Sensor probe is faulty	Replace probe sensor
Alarm sound	Sensor probe is faulty	Replace probe sensor
Incorrect temperature reading	Sensor probe is faulty	Replace probe sensor

A residual current protection device/safety switch on the power supply is recommended for your safety.

